U.S. Palerit and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Reduction Act of 1996, no pr NT APPLICATION F Substitute	EE DETERMII	NATION RE	ction of infe	dination uni	Appl	DEPARTI Calion or D	MENT OF CO Id OMB cont Dockel Numb
	21.104.50		Checive De	ember 8.	2004	10	1220	773
API	PLICATION AS FILED	- PARTI	•				-	
	(Column 1)	-(Column 2)	•	SMALL E	NTITY		C	THER TH
FOR	MILLOFORER			OWNER E	MILLA	OR	Si	MALL ENT
BASIC FEE	NUMBER FILED	NUMBER EXTR	u RA	TE (5)		7		
(37 CFR 1 18(1) [6] @ [6])	NA · ·	N/A	1 1		FEE (1)	1	RATE	(B) F
SEARCH FEE 137 CFR 1 16(N. H. or (m))	AVA			VA :	150.00	i	NA	
EXAMINATION FEE	NA	N/A		UA				- 30
(37 CFR 1 16(a). (p), or (q))	NA						NIA	1
TOTAL CLAIMS		N/A	\ \ \	W				
(37.CFR 1 16(1))	minus 20 =		Ven			•	· NA	
INDEPENDENT CLAIMS (37 CFR 1 16(N))			X\$ 2	5 .	- 1	OR	X\$50	
(31 CFR 1 (Q(N))	minus 3 =	•	X10	0		~		
APPLICATION SIZE	If the specification and of sheets of nancy the	frawings exceed to					X200	.
-E-F			ie	1		j		
37 CFR 1 16(e))	is \$250 (\$125 for small e	ntity) for each	11	1,	1	- 1		1
· .	additional 50 sheets or 6 35 U.S.C. 41(a)(1)(G) an		e			- 1		1.
IULTIPLE DEDELMEL -		201 CFH 1.16(s).		1		·		1 `
CE OFFERDENI C	LAIM PRESENT (37 CFR 16	Sun .	+180):		-		
If the difference in column	1 le lana ti					- 1	+360=	1
· · · · · · · · · · · · · · · · · · ·	l is less then zero, enter "O" in	r column 2.	TOTA			-		
APPLICATI	ON AS AMENDED - P						TOTAL	
	AND THE NAME OF THE	ART II			•			-
		EST DOCUMENT		LL ENTIT	<u> </u>	OR	SMAL	ER THAN LENTITY
	TER PREVIOUS PAID Winus PAID Minus PAID Minus PAID	BER PRESENT DUSLY EXTRA FOR	RATE (1	AL TIO	(\$)	R X	RATE (\$)	ADO TION FEE (
Total professions of AMEN Total professions of CFR steens Application Size Fee (37	TER DMENT PREVIOUS PAID OF THE	BER PRESENT EXTRA FOR 4	RATE (AL TIO	DDI- NAL (\$)	R X	RATE(\$)	ADOI TIONU FEE (
Total professions of AMEN Total professions of CFR steens Application Size Fee (37	TER DMENT PREVIOUS PAID OF THE PREVIOUS PAID OF THE PA	BER PRESENT EXTRA FOR 4	RATE (1	AL TIO	ODI- NAL (\$)	R X	RATE (\$)	ADDITION FEE O
Total professions of AMEN Total professions of CFR steens Application Size Fee (37	TER PREVIOUS PAID Winus PAID Minus PAID Minus PAID	BER PRESENT EXTRA FOR 4	RATE (1	AL TIO	001- NAL E (\$)	X X	SMAL RATE (\$)	ADDITION FEE O
Total professions of AMEN Total professions of CFR steens Application Size Fee (37	TER DMENT PREVIOUS PAID OF THE PREVIOUS PAID OF THE PA	BER PRESENT EXTRA FOR 4	X\$ 25 X100 +180=	AL TIO	ODI- NAL (\$)	X X X X X X X X X X X X X X X X X X X	SMAL (\$) 350 _= 300 _=	ADDITION FEE O
Total professions of AMEN Total professions of CFR steens Application Size Fee (37	TER DMENT PREVIOUS PAID OF THE PREVIOUS PAID OF THE PA	BER PRESENT EXTRA FOR 4	X\$ 25 X100	AL TIO	OF	X X X X X X X X X X X X X X X X X X X	SMAL (\$) 350 800	ADOUTION FEE O
Total (i) CFR (.1e(i)) Independent (i) CFR (.1e(i)) Application Size Fee (37 FIRST PRESENTATION OF I	TER PREVICE PAID Winus Minus CFR 1.16(s)) MALLTIPLE DEPENDENT CLAIM	BER PRESENT EXTRA POR 1 4 1 7 17 CFR 1.16(0)	X\$ 25 X100 +180=	AL TIO	001- NAL E (\$)	X X X X X X X X X X X X X X X X X X X	SMAL (\$) 350 800	ADDITION FEE O
Total (Column CLAIN	TER PREVICE PAID Winus Minus CFR 1.16(s)) MULTIPLE DEPENDENT CLAIM (Column 1) (Column 1) (Column 1)	BER PRESENT EXTRA FOR 1 4 17 17 17 17 17 17 17 17 17 1	X\$ 25 X100 +180=	AL TIO	OF	X X X X X X X X X X X X X X X X X X X	SMAL (\$) \$50 800	ADOUTION FEE O
Total (Column CLAIM) (Column CAMAIM) (Column CAMAIM) (Column CLAIM) (CAMAIM) AFTE	TER PREVIOUS PREVIOUS PAID Winus PAID Winus PAID Winus PAID CFR 1.16(s)) MING HIGHES NUMBE	PRESENT PRESENT PRESENT PRESENT PRESENT	X\$ 25 X100 +180= TOTAL ADOL FEE	AL TIO	OF OR	XX XX XX TOT ADD	SMAL PLATE (\$) \$50	ADOUTION FEE O
Total presentation of a Claim Remain AFTEL AMENOM	TER PREVIOUS Minus Mi	BER PRESENT EXTRA PRESENT EXTRA (37 CFR 1.16(1)) (12) (Column 3) TR PRESENT EXTRA	X\$ 25 X100 +180=	ADDITIONA	OF OR	XX XX XX TOT ADD	SMAL (\$) \$50 800	ADDO C
Total profession Size Fee (37 FIRST PRESENTATION OF CLAIM REMAIN AFTE AMENOM Total profession Size Fee (37 CColumn CLAIM REMAIN AFTE AMENOM Total professions	TER PREVICUS TER PREVICUS PAID Winus Minus Minus CFR 1.16(s)) MALLTIPLE DEPENDENT CLAIM AS HIGHES NUMBE R. PREVICUS	BER PRESENT EXTRA PRESENT EXTRA (37 CFR 1.16(1)) (12) (Column 3) TR PRESENT EXTRA	RATE (1) RATE (1) RATE (1) RATE (1)	ADDI	OF OR	XX XX XX TOT ADD	SMAL PLATE (\$) \$50	ADOI-
Total (Column AFTE AMENDM Total (210FR 1.180))	TER PREVIOUS PAID Winus PAID Winus PAID Winus PAID CFR 1.16(s)) MINUS PAID (Column S HIGHES NUMBE PREVIOUS PAID FO	BER PRESENT EXTRA PRESENT EXTRA (37 CFR 1.16(1)) (17 CFR 1.16(1)) (17 CFR 1.16(1)) (18 PRESENT EXTRA R R	X\$ 25 X100 +180= TOTAL ADOL FEE	ADDITIONA	OF OR	X3 X2 +3 TOT ADD	SMAL RATE (\$) \$50	ADDO C
Total (Column AFTE AMENOM Total (Column AFTE AMENOM	TER PREVICE PAID Winus PAID Winus PAID CFR 1.16(s)) MULTIPLE DEPENDENT CLAIM IS HIGHES NUMBER R. PREVIOUS PAID Minus PA	BER PRESENT EXTRA PRESENT EXTRA (37 CFR 1.16(1)) (17 CFR 1.16(1)) (18 CFR 1.16(1)) (19 CFR 1.16(1))	RATE (S) RATE (S) RATE (S) RATE (S) RATE (S)	ADDITIONA	OF OR	X3 X2 + 10 ADC RA X\$5	SMAL RATE (\$) \$50	ADOI-
Total (Column Calain) Total (Order Lien) Application Size Fee (37 FIRST PRESENTATION OF (Column Calain Remain After AMENOM Calain Remain AMENOM Calain Ca	TER PREVICE PAID Winus Minus CFR 1.16(s)) MULTIPLE DEPENDENT CLAIM AS HIGHES NUMBE PREVIOUS PAID FO Minus Minus Minus R 1.16(s))	BER PRESENT EXTRA FOR 1 4 17 17 (17 CFR 1.16(1)) 10 11 12) (Column 3) 13 14 15 17 18 18 18 18 18 18 18 18 18	RATE (1) RATE (1) RATE (1) RATE (1)	ADDITIONA	OF OR	X3 X2 +3 TOT ADD	SMAL RATE (\$) \$50	ADOI-
Total (Column Calain) Total (Order Lien) Application Size Fee (37 FIRST PRESENTATION OF (Column Calain Remain After AMENOM Calain Remain AMENOM Calain Ca	TER PREVICE PAID Winus Minus CFR 1.16(s)) MULTIPLE DEPENDENT CLAIM AS HIGHES NUMBE PREVIOUS PAID FO Minus Minus Minus R 1.16(s))	BER PRESENT EXTRA FOR 1 4 17 17 (17 CFR 1.16(1)) 10 11 12) (Column 3) 13 14 15 17 18 18 18 18 18 18 18 18 18	RATE (S) RATE (S) RATE (S) RATE (S) RATE (S)	ADDITIONA	OF OR	X3 X2 + 10 ADC RA X\$5	SMAL RATE (\$) \$50 \$600 = AL PL FEE TE (\$)	ADOI-
Total presentation of AMEN Total profession Size Fee (37 FIRST PRESENTATION OF AMENDM Total profession Size Fee (37 CF 1.180)) Application Size Fee (37 CF 1.180)) Application Size Fee (37 CF 1.180)	TER PREVICE PAID Winus PAID Winus PAID CFR 1.16(s)) MULTIPLE DEPENDENT CLAIM IS HIGHES NUMBER R. PREVIOUS PAID Minus PA	BER PRESENT EXTRA FOR 1 4 17 17 (17 CFR 1.16(1)) 10 11 12) (Column 3) 13 14 15 17 18 18 18 18 18 18 18 18 18	RATE (S) RATE (S) RATE (S) RATE (S) RATE (S)	ADDITIONA	OF OR OR	RA X\$5 X20	SMAL RATE (\$) \$50	ADOI- TIONAL FEE (S)
Total (Column Calain) Total (Order Lien) Application Size Fee (37 FIRST PRESENTATION OF (Column Calain Remain After AMENOM Calain Remain AMENOM Calain Ca	TER PREVICE PAID Winus Minus CFR 1.16(s)) MULTIPLE DEPENDENT CLAIM AS HIGHES NUMBE PREVIOUS PAID FO Minus Minus Minus R 1.16(s))	BER PRESENT EXTRA FOR 1 4 17 17 (17 CFR 1.16(1)) 10 11 12) (Column 3) 13 14 15 17 18 18 18 18 18 18 18 18 18	RATE (S) X\$ 25 X100 +180= TOTAL ADO'L FEE RATE (S) X\$ 25 = X100 = +180=	ADDITIONA	OF OR	X3 X2 + 10 ADC RA X\$5	SMAL RATE (\$) \$50	ADOI- TIONAL FEE (S)
Total (Column AFTE AMENDM Total (Column AFTE AMENDM Total (COLUMN APTE AMENDM TOTAL 1.1801) Total (COLUMN AFTE AMENDM AFTE AMENDM TOTAL 1.1801) Independent (COLUMN AFTE AMENDM AFTE AMENDM TOTAL 1.1801) Independent (COLUMN AFTE AMENDM TOTAL 1.1801) Application Size Fee (37 CF (CF (CF (CF (CF (CF (CF (CF (CF (CF	TER DMENT PREVICE PAID OF THE SEPARATE PAID OF THE SEPARATE PAID OF THE SEPARATE PAID OF THE SEPARATE PAID FOR INTERSE PAID F	BER DUSLY PRESENT EXTRA O	RATE (S) X\$ 25 X100 +180= TOTAL ADOL FEE X100 +180= TOTAL ADDL FEE	ADDITIONAL FEE (I	OR OR OR	X3 X2 X2 X2 X2 X2 X2 X2	SMAL RATE (\$) \$50	ADOI- TIONAL FEE (S)
Total profession Size Fee (37 FIRST PRESENTATION OF MU Total profession Size Fee (37 CLAIM REMAIN AFTE AMENOM Total profession Size Fee (37 CF IRST PRESENTATION OF MU The entry in column 1 is less the Highest Number Previous Total of Highest Number Previous Total of Highest Number Previous The Highest Number Previous Thinken Highest Number Think	TER PREVIOUS PAID IN THIS SPACEUSly Paid For IN THIS SPACEUSLY PAID IN	BER PRESENT EXTRA O	RATE (S) X\$ 25 X100 +180= TOTAL ADO'L FEE X100 -180= TOTAL ADD'L FEE	ADDITIONAL FEE O	OR OR OR	RA X\$5 X20 +36 TOTAL ADD'L	SMAL RATE (\$) \$50	ADDI- TIONAL FEE (S)
Total presentation of a AMEN Total presentation of a Calim Remain Application Size Fee (37 CF Calim AMEN AFTER AMENDM Total process of the Trighest Number Previous Tighest Nu	TER PREVIOUS Minus Minus CFR 1.16(s)) MULTIPLE DEPENDENT CLAIM AS HIGHES NUMBE PREVIOUS PAID FO Minus Minus Minus Minus R 1.16(s)) LTIPLE DEPENDENT CLAIM (3)	PRESENT EXTRA PRESENT EXTRA (17 CFR 1.16(1)) (17 CFR 1.16(1)) (18 TO In column 3) PRESENT EXTRA R PRESENT EXTRA PRESENT EXTRA PRESENT EXTRA PRESENT EXTRA PRESENT EXTRA	RATE (A X\$ 25 X100 +180= TOTAL ADD'L FEE TOTAL ADD'L FEE TOTAL ADD'L FEE	ADDITIONAL FEE (I	OR OR OR	RA X\$5 X20 +36 TOTAL ADO'L	SMAL RATE (\$) 550 = 600 = AL PL FEE 7E (\$) 0 = FEE	ADOI- TIONAL FEE (S)

the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Infermation Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS DRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.